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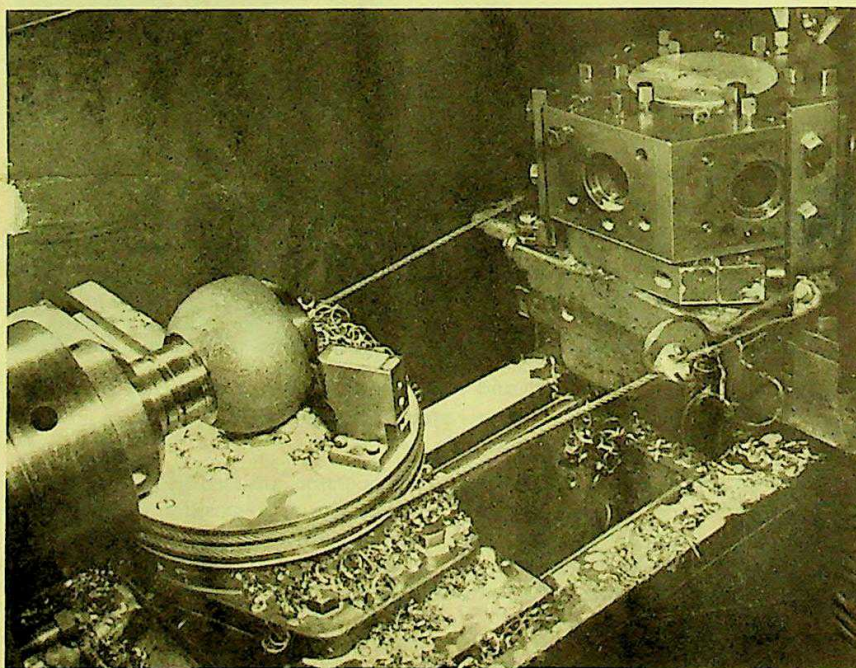
SHOP SHOTS



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Spotlights have a place in industry, as is proven by this application in Caterpillar's X-ray laboratory. The small spotlight unit, which contains a 110-volt bulb, is supported by a swinging bracket on the outer case of the head of a G. E. 250,000-volt X-ray unit. By moving the X-ray head until the circle of light projected by the spotlight strikes the surface of the object at the point where the X-rays are to be focused, it is possible to reduce set-up time materially. When the head has been positioned, it is a simple matter to snap off the spotlight switch and swing the spotlight unit out of the way. Caterpillar Tractor Company.



Spherical turning on an aircraft machine gun mount is done in a novel set-up on a Jones & Lamson turret lathe. A circular drum pivoted on the machine cross-slide supports the tool. This drum is grooved for a double turn of wire rope one end of which is fastened to the turret carriage and the other to a counterweight. The cast workpiece is mounted on an arbor held in the spindle collet. The combination of spindle rotation and turret feed generates the desired spherical surface. North American Aviation.